

Converting Colors

XYZ(60.6106, 61.7324, 29.9327)

Have a look what the booklet for
XYZ(60.6106, 61.7324, 29.9327)
contains.

XYZ(60.5125, 61.7357, 29.8459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5125, 61.7357,
29.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC982
RGB	239, 201, 130
RGB Percent	94%, 79%, 51%
CMY	0.0627, 0.2117, 0.4902
CMYK	0.00, 0.16, 0.46, 0.06
HSL	39°, 77%, 72%
HSV	39°, 46%, 94%
XYZ	60.5125, 61.7357, 29.8459
YIQ	204.2680, 45.4390, -14.0250

Conversions

Conversions Part 2

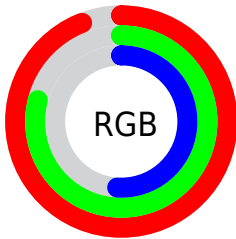
Format	Color
R_{YB}	188, 239, 130
Decimal	15714690
CIE _{Lab}	82.77, 4.39, 40.38
CIE _{LCh}	83, 40.617, 83.793
Yxy	61.7357, 0.3979, 0.4059
Android (android.graphics.Color)	4293904770 (0xFFEFC982)
YUV	204.2680, -36.6141, 30.4600
Hunter-Lab	78.5721, -0.0288, 32.4789

Details

The XYZ color **60.5125, 61.7357, 29.8459** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.7880, 38.9816, 87.1410**, and the grayscale version is **57.7697, 60.7782, 66.1874**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **30.9011, 31.2557, 11.8014** is the 20% darker color. If you saturate the color by 10%, you get **57.2016, 57.3899, 21.7260**, and if you desaturate by 10%, it is **64.3044, 66.4470, 39.9655**.

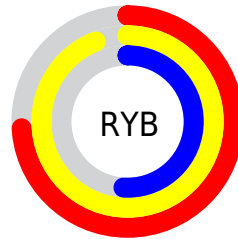
Distribution



Red (94%)

Green (79%)

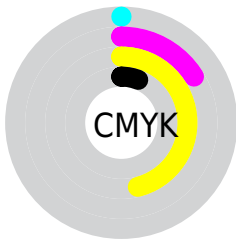
Blue (51%)



Red (74%)

Yellow (94%)

Blue (51%)

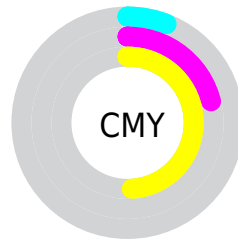


Cyan (0%)

Magenta (16%)

Yellow (46%)

Black (6%)



Cyan (6%)

Magenta (21%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5125, 61.7357, 29.8459 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 60.5125, 61.7357, 29.8459 by changing the saturation by 10% instead.

60.5125, 61.7357,
29.8459

60.5125, 61.7357,
29.8459

416.2888,
430.9664, 315.3704

44.0829, 44.8192,
19.4706

104.6749,
107.3435, 60.4765

30.9339, 31.3150,
11.8306

133.1384,
136.8035, 81.5689

20.7001, 20.8388,
6.5073

166.3438,
171.2134, 107.0707

13.0162, 13.0063,
3.0822

204.6567,
210.9577, 137.4005

7.5167, 7.4329,
1.1368

248.4423,
256.4208, 172.9769

3.8365, 3.7342,
0.0000

298.0659,

1.6101, 1.5260,

307.9870, 214.2183

0.0000

353.8930,
366.0407, 261.5433

■ 0.3990, 0.3070,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5125, 61.7357,
29.8459

■ 60.5125, 61.7357,
29.8459

■ 57.2016, 57.3899,
21.7260

■ 64.3044, 66.4470,
39.9655

■ 54.3393, 53.3872,
15.4638


■ 68.5979, 71.5278,
52.2061


■ 51.8959, 49.7152,
10.9042


■ 73.4180, 76.9929,
66.6839


■ 49.8352, 46.3567,
7.8651


■ 78.7862, 82.8534,
83.5053

 48.1128, 43.2912,
6.1219

 84.7229, 89.1198,
102.7701

 47.4332, 42.0240,
5.6115

 88.1410, 94.5597,
108.2141

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1678, 61.7357, 35.4003



60.5125, 61.7357, 29.8459



52.1600, 61.7357, 32.1162

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5125, 61.7357, 29.8459



44.6136, 61.7357, 88.5507



73.2988, 61.7357, 99.8215

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.5125, 61.7357, 29.8459



38.7880, 38.9816, 87.1410

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7174, 61.7357, 121.5319



60.5125, 61.7357, 29.8459



49.3062, 61.7357, 113.9765

Square

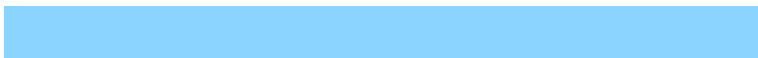
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5125, 61.7357, 29.8459



43.5157, 61.7357, 62.1524



56.8808, 61.7357, 127.2682



77.0071, 61.7357, 72.5552

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5125, 61.7357, 29.8459



47.8060, 61.7357, 38.1354



56.8808, 61.7357, 127.2682



71.0846, 61.7357, 108.2586

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.5140, 61.7386, 29.8471



85.9836, 90.2260, 80.1086



50.6614, 37.1493, 41.6201



18.1293, 19.0071, 16.3012



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5140, 61.7386, 29.8471



66.4186, 66.6890, 25.5160



65.2196, 78.9771, 32.9265



16.6322, 17.4776, 16.6466



26.3402, 23.4784, 3.1435



2.2840, 2.1386, 0.2924

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.7880, 38.9816, 87.1410



38.2980, 37.2692, 99.7829



35.4796, 28.3411, 85.2616



15.3479, 16.1299, 20.0261



10.4431, 7.1105, 45.9499



0.9586, 0.7713, 3.8526

Previews

White Background



This preview shows how the XYZ color 60.5125, 61.7357, 29.8459 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.5125, 61.7357, 29.8459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5125, 61.7357, 29.8459

Background



This preview shows how black text looks on a background with the XYZ color 60.5125, 61.7357, 29.8459.



This preview shows how white text looks on a background with the XYZ color 60.5125, 61.7357,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.5125, 61.7357, 29.8459

Protanopia

56.9766, 61.6558, 30.7276

Deuteranopia

63.1299, 61.7109, 30.0568



Tritanopia

67.9963, 61.7483, 66.7273

Trichromacy



Original Color

60.5125, 61.7357, 29.8459

Protanomaly

58.0027, 61.4824, 30.2830

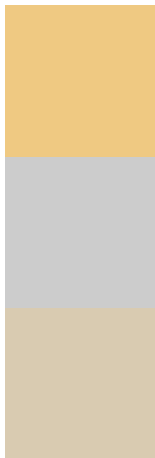
Deuteranomaly

61.9470, 61.4393, 30.0667

Tritanomaly

64.5131, 61.2993, 50.5512

Monochromacy



Original Color

60.5125, 61.7357, 29.8459

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9070, 60.6379, 50.2472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5125, 61.7357, 29.8459 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 201, 130)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 201, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 130) }
```

Border

The CSS property to change the border of an element to XYZ 60.5125, 61.7357, 29.8459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 201, 130) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(239, 201, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(239, 201, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 130);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5125, 61.7357, 29.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
201, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor